

HSCC/PG-III/RMRC/Tender/2008

Dated: 17.10.2008

To, Amendment-1
As per List

**Subject: Tenders for Construction of State of Art Laboratory & Animal House at
RMRC, Dibrugarh – Clarification/Amendments -I**

Ref : Tender No. HSCC/RMRC/LAB/PG-III/2008/R1

Dear Sirs,

This is in response to the queries raised/discussions held with the bidders during the pre bid meeting on 15.10.2008 at HSCC office in respect of above mentioned works. The following Clarifications/Amendments - I may please be noted for compliance.

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|---|------------------------|
| A. <u>Technical Amendments/Clarifications-</u>
Civil, Public Health, Fire Fighting Works | Annexure I (1 Page) |
| B. <u>Technical Amendments/Clarifications-</u>
Electrical works | Annexure II (1 Page) |
| C. <u>Technical Amendments/Clarifications-</u>
HVAC Works | Annexure III (3 Pages) |
| D. <u>General Amendments/Clarifications-</u>
General Amendment | Annexure IV (1 Page) |

As per request of the bidders date of submission of bids has been extended upto 15-00 hrs on 04/11/2008 in place of 22/10/2008. You are required to submit bid security, bank guarantees & validity of bids accordingly.

In accordance with tender clause 7.0 of Volume- III (Instructions to Bidders Specific Conditions of Contract) the above Clarifications/Amendments shall be part of the tender documents and bidders are requested to submit the same along with the other tender documents duly signed and stamped.

All other terms and conditions of the tender documents shall remain unchanged.

Thanking you,

Yours faithfully,

Encl : As above (4 pages)

(Anil Kumar)
General Manager PG-III

CLARIFICATION/AMENDMENTS REGARDING HVAC SYSTEM FOR RMRC DIBRUGARH

HVAC WORK

SI.No	clause No./ page No.	Existing item	Clarifications/ Amendments
1	BOQ -Page AC-5	ITEM NO.3.2.25- nil	Additional AHU GF-5 (1500 CFM) for canteen shall be included as item no 3.2.25 of BOQ as mentioned in drawing. AHU GF5-1500 cfm/4RD Cooling Coil/32 mm static. Revised BOQ page no.5 is attached.
2	BOQ-Page AC-3	BOQ item no.3.1.2 AHU GF2-3000 cfm/4RD Cooling Coil/40 mm static	Capacity of Library AHU shall be 4000 cfm. AHU GF2-4000 cfm/4RD Cooling Coil/40 mm static Revised BOQ page no.3 is attached.

NOTE : All other items of BOQ, specifications & tender documents shall remain unchanged.

CLARIFICATION/AMENDMENTS REGARDING ELECTRICAL SYSTEM FOR RMRC DIBRUGARH

ELECTRICAL WORK

Sl.No	clause No./ page No.	Item reference	Clarifications/ Amendments
1	SPECS- Page E-67	BOQ item no.2.01	D.G.Set Rating as per BOQ item no.2.01at page E-11R2 i.e. 437.5 KVA is final
2	SPECS- Page E-67	BOQ item no.2.02	D.G.Set Rating as per BOQ item no.2.02at page E-12R2 i.e. 150 KVA is final

NOTE : All other items of BOQ, specifications & tender documents shall remain unchanged.

Clarification/Amendments regarding BOQ Civil , Plumbing & fire fighting Works				
S.No.	Reference	Page No.	Existing Item	Amended/Clarified
1	Volume-V Bill of Quantity Civil, Plumbing & Fire Fighting Works	Item No. 5.13 P-16	5.13 Design, fabrication and installation of structural glazing system in the form of fixed panels, using specially designed aluminium extruded sections, (weight 6 Kgs./sq.m) mullions and transoms having 50 micron pure polyester powder coating of approved colour and shade and make with mullions fixed on the RCC beams/columns through adequately designed brackets providing and fixing glass as specified including providing masking tape on the profiles for safety against external scratches on site complete with approved silicon sealant EPDM gasket etc. to make the curtain glazing air tight and water tight as per standards and as per Architect's drawings and specifications. Contractor to furnish shop drawings along with sequence of work and for approval of Architect.	5.13 Design, fabrication and installation of structural glazing system in the form of fixed panels, using specially designed aluminium extruded sections, (weight 6 Kgs./sq.m) mullions and transoms having 50 micron pure polyester powder coating of approved colour and shade and make with mullions fixed on the RCC beams/columns through adequately designed brackets providing and fixing glass as specified including providing masking tape on the profiles for safety against external scratches on site complete with approved silicon sealant EPDM gasket etc. to make the curtain glazing air tight and water tight as per standards and as per Architect's drawings and specifications. Contractor to furnish shop drawings along with sequence of work and for approval of Architect.
			a) Above item using single 6mm classic hard coated toughened effective glass for spandrel panel.	Deleted
			b) Above item using insulated glass hermetically sealed wit 6mm outer classic hard coated toughened reflective glass and 5mm clear float glass inside with 12mm dry air cavity between two glass panes separated by a hollow aluminium spacer bar with twin lines of micro holes as approved filled with molecular desiccant of approved make and using primary hot meld duly and secondary polysulphide or silicon sealant of approved make all complete. Qty 260.00 Unit Sqm	a) Above item using insulated glass hermetically sealed wit 6mm outer classic hard coated toughened reflective glass and 5mm clear float glass inside with 12mm dry air cavity between two glass panes separated by a hollow aluminium spacer bar with twin lines of micro holes as approved filled with molecular desiccant of approved make and using primary hot meld duly and secondary polysulphide or silicon sealant of approved make all complete. Qty 260.00 Unit Sqm

2	Volume-V Bill of Quantity Civil, Plumbing & Fire Fighting Works	Item No. 6.03 P-20	6.03 Providing and fixing staircase railing 90cm high from nosing of steps, made of following specifications :	6.03 Providing and fixing SS Staircaserailing 90cm high from nosing in position made out of 304 grade 16 SWG,SS Hand rail - 50mm dia with SS end cap and fixed in to wall at end , Mid rail- 12mm dia x3row, 1st and Last Balustrade 75mm x 2 Nos. and other Balustrade 38mm dia x 5 steps per side with base plate of 5mm with SS base cover and complete with all fittings as per design and diagram.
			a) 50mm dia. SS pipe handrail.	
			b) Providing &fixing in position SS Railing at stair case made out of -304 grade 16 SWGSS Hand rail-50mm dia with ss end cap and fixed into wall at end Midrail -12mm dia x 3 rows 1st Balustrade 75mm X 2 Nos.and other Balustrade 75mmX2 Nos and other Balustrade-38mm dia X 5 Steps per side with base plate of 5 mm with ss base cover and complete with all fittings as per design and diagram. Qty 35.00 Unit Meter	Qty 35.00 Unit Meter

Clarification/Amendments regarding General Condition , Special condition of contract & Technical Specification			
S.No	Reference	Existing clause	Ammendment/Clarification
1	Volume-IV Specification Civil Works & services Clause No.11.8	11.8 The contractor shall engage Ready Mix Concrete (RMC) producing plants (with in 50meters distance from site of work) supplying concrete in Delhi to supply RMC for the work. The RMC Plant proposed to be engaged by contractor shall fulfill the following. i) It shall be fully computerized. ii) It should have supplied RMC for Govt. Projects for similar magnitude. iii) It should have facility for providing printed advice showing ingredients of concrete carried by each mixer.	Deleted
	Volume-III, Clause 46 Special Condition of Contract	46 RCC WORKS Weigh Batchter with pumping arrangement for a minimum four storey building to be installed at site for the all RCC works. In case break down of the batching plant suitable alternative arrangement like RMC to be made by the contractor to avoid any interruption in RCC work. The alternative arrangement of RMC plant with advance engineer's approval of design mix to be kept ready for such emergency so that RCC can be readily available within 12 hrs of break down of batching plant.	46 RCC WORKS Weigh Batchter with pumping arrangement for a minimum four storey building to be installed at site for the all RCC works. In case of any break down of weigh batchter suitable alternative arrangement like RMC to be made by the contractor to avoid any interruption in RCC work. The alternative arrangement of RMC plant with advance engineer's approval of design mix to be kept ready for such emergency so that RCC can be readily available within 12 hrs of break down of batching plant.
2	Volume-III, Clause 33 a Special Condition of Contract	33 Certificate & Payments a) Mobilization advance not exceeding 10% of the tendered value may be given, if requested by contractor in writing with in one month of the order to commence the work. In such case, the contractor shall execute a Bank Guarantee Bond from a Scheduled Bank as specified by the Engineer for the full amount of mobilization advance before such advance is released. Such advance shall be in two or more instalments to be determined by the Engineer at his sole discretion. The first instalment of such advance shall be released by Engineer to the contractor on a request made by the contractor to the Engineer in Charge in this behalf. The second and subsequent instalments shall be released by the Engineer only after the contractor furnishes a proof of the satisfactory utilisation of the earlier instalment to the entire satisfaction of the Engineer.	33 Certificate & Payments a) Mobilization advance not exceeding 5% of the tendered value may be given, if requested by contractor in writing with in one month of the order to commence the work. In such case, the contractor shall execute a Bank Guarantee Bond from a Scheduled Bank as specified by the Engineer for the full amount of mobilization advance before such advance is released. Such advance shall be in two or more instalments to be determined by the Engineer at his sole discretion. The first instalment of such advance shall be released by Engineer to the contractor on a request made by the contractor to the Engineer in Charge in this behalf. The second and subsequent instalments shall be released by the Engineer only after the contractor furnishes a proof of the satisfactory utilisation of the earlier instalment to the entire satisfaction of the Engineer.
	Volume-III, Clause 33 a Special Condition of Contract	At Page no.33 & 34 of SCC Volume -III,Under clause No.36.2 for word material.	At Page no.33 & 34 of SCC Volume -III,Under clause No.36.2 for word material.- Shall be read as Material (Cement & Reinforcement steel only)